

Css Utility Classes

CSS Utility Classes Play+ provides an extensive set of utility classes for spacing, layout, and styling. These classes follow a consistent naming convention and are designed to work seamlessly with the grid system.

Spacing Utilities ■ The spacing system uses a scale based on rem units, providing consistent spacing across your application.

Spacing Scale ■

Class Size	Value	0	0.25	0.5	1	2	3	4	5	6	8	10	12	14	16
0.25rem (4px)	0.5rem (8px)	1rem (16px)	1.5rem (24px)	3rem (48px)	4rem (64px)	5rem (80px)	6rem (96px)	8rem (128px)	10rem (160px)	12rem (192px)	14rem (224px)	16rem (256px)			

Margin Utilities ■

All Sides ■

```
<div class="m-0"> No margin </div> <div class="m-1"> Small margin (0.25rem) </div> <div class="m-2"> Medium margin (0.5rem) </div> <div class="m-3"> Large margin (1rem) </div> <div class="m-4"> Extra large margin (1.5rem) </div> <div class="m-5"> Huge margin (3rem) </div>
```

Individual Sides ■

```
<div class="mt-3"> Top margin </div> <div class="mb-3"> Bottom margin </div> <div class="ms-3"> Start margin (left in LTR) </div> <div class="me-3"> End margin (right in LTR) </div>
```

Horizontal and Vertical ■

```
<div class="mx-3"> Horizontal margin (left and right) </div> <div class="my-3"> Vertical margin (top and bottom) </div>
```

Auto Margins ■

```
<div class="m-auto"> Auto margin on all sides </div> <div class="mx-auto"> Center horizontally </div> <div class="ms-auto"> Push to the right </div> <div class="me-auto"> Push to the left </div>
```

Negative Margins ■

```
<div class="m-n1"> Negative margin (-0.25rem) </div> <div class="mt-n2"> Negative top margin (-0.5rem) </div> <div class="mx-n3"> Negative horizontal margin (-1rem) </div>
```

Padding Utilities ■

All Sides ■

```
<div class="p-0"> No padding </div> <div class="p-1"> Small padding (0.25rem) </div> <div class="p-2"> Medium padding (0.5rem) </div> <div class="p-3"> Large padding (1rem) </div> <div class="p-4"> Extra large padding (1.5rem) </div> <div class="p-5"> Huge padding (3rem) </div>
```

Individual Sides ■

```
<div class="pt-3"> Top padding </div> <div class="pb-3"> Bottom padding </div> <div class="ps-3"> Start padding (left in LTR) </div> <div class="pe-3"> End padding (right in LTR) </div>
```

Horizontal and Vertical ■

```
<div class="px-3"> Horizontal padding (left and right) </div> <div class="py-3"> Vertical padding (top and bottom) </div>
```

Responsive Spacing ■ All spacing utilities are available with responsive prefixes:

```
<div class="m-3 m-md-4 m-lg-5"> <!-- 1rem margin on mobile, 1.5rem on tablet, 3rem on desktop --> </div> <div class="p-2 p-sm-3 p-md-4"> <!-- 0.5rem padding on mobile, 1rem on tablet, 1.5rem on desktop --> </div>
```

Responsive Breakpoints ■

Prefix	Breakpoint
sm-	(≥576px)
md-	(≥768px)
lg-	(≥992px)
xl-	(≥1200px)
xxl-	(≥1400px)

Grid Gutters ■

Gutter Classes ■

```
<div class="row g-0"> <!-- No gutters --> <div class="row g-1"> <!-- 0.25rem gutters --> <div class="row g-2"> <!-- 0.5rem gutters --> <div class="row g-3"> <!-- 1rem gutters --> <div class="row g-4"> <!-- 1.5rem gutters --> <div class="row g-5"> <!-- 3rem gutters --> </div> </div> </div> </div> </div> </div>
```

Directional Gutters ■

```
<div class="row gx-3"> <!-- Horizontal gutters only --> <div class="row gy-2"> <!-- Vertical gutters only --> </div> </div>
```

Responsive Gutters ■

```
<div class="row g-2">
```

g-md-3 g-lg-4 " > <!-- Different gutter sizes at different breakpoints --> </ div > Display Utilities ■

Display Classes ■ < div class = " d-none " > Hidden </ div > < div class = " d-block " > Block display </ div > < div class = " d-inline " > Inline display </ div > < div class = " d-inline-block " > Inline-block display </ div > < div class = " d-flex " > Flexbox display </ div > < div class = " d-inline-flex " > Inline flexbox </ div > < div class = " d-grid " > Grid display </ div > < div class = " d-inline-grid " > Inline grid </ div > Responsive Display ■ < div class = " d-none d-md-block " > <!-- Hidden on mobile, visible on tablet and up --> </ div > < div class = " d-block d-lg-none " > <!-- Visible on mobile/tablet, hidden on desktop --> </ div > Flexbox Utilities ■ Flex Direction ■ < div class = " d-flex flex-row " > Row (default) </ div > < div class = " d-flex flex-row-reverse " > Row reverse </ div > < div class = " d-flex flex-column " > Column </ div > < div class = " d-flex flex-column-reverse " > Column reverse </ div > Flex Wrap ■ < div class = " d-flex flex-wrap " > Wrap </ div > < div class = " d-flex flex-nowrap " > No wrap </ div > < div class = " d-flex flex-wrap-reverse " > Wrap reverse </ div > Justify Content ■ < div class = " d-flex justify-content-start " > Start </ div > < div class = " d-flex justify-content-end " > End </ div > < div class = " d-flex justify-content-center " > Center </ div > < div class = " d-flex justify-content-between " > Between </ div > < div class = " d-flex justify-content-around " > Around </ div > < div class = " d-flex justify-content-evenly " > Evenly </ div > Align Items ■ < div class = " d-flex align-items-start " > Start </ div > < div class = " d-flex align-items-end " > End </ div > < div class = " d-flex align-items-center " > Center </ div > < div class = " d-flex align-items-baseline " > Baseline </ div > < div class = " d-flex align-items-stretch " > Stretch </ div > Align Self ■ < div class = " align-self-start " > Start </ div > < div class = " align-self-end " > End </ div > < div class = " align-self-center " > Center </ div > < div class = " align-self-baseline " > Baseline </ div > < div class = " align-self-stretch " > Stretch </ div > Flex Fill ■ < div class = " d-flex " > < div class = " flex-fill " > Equal width </ div > < div class = " flex-fill " > Equal width </ div > < div class = " flex-fill " > Equal width </ div > </ div > Text Utilities ■ Text Alignment ■ < p class = " text-start " > Left aligned </ p > < p class = " text-center " > Center aligned </ p > < p class = " text-end " > Right aligned </ p > < p class = " text-justify " > Justified </ p > Text Transform ■ < p class = " text-lowercase " > lowercase text </ p > < p class = " text-uppercase " > UPPERCASE TEXT </ p > < p class = " text-capitalize " > Capitalized Text </ p > Font Weight ■ < p class = " fw-bold " > Bold text </ p > < p class = " fw-bolder " > Bolder text </ p > < p class = " fw-normal " > Normal weight </ p > < p class = " fw-light " > Light text </ p > < p class = " fw-lighter " > Lighter text </ p > Font Style ■ < p class = " fst-italic " > Italic text </ p > < p class = " fst-normal " > Normal style </ p > Position Utilities ■ Position Classes ■ < div class = " position-static " > Static positioning </ div > < div class = " position-relative " > Relative positioning </ div > < div class = " position-absolute " > Absolute positioning </ div > < div class = " position-fixed " > Fixed positioning </ div > < div class = " position-sticky " > Sticky positioning </ div > Top, Right, Bottom, Left ■ < div class = " top-0 " > Top: 0 </ div > < div class = " top-50 " > Top: 50% </ div > < div class = " top-100 " > Top: 100% </ div > < div class = " start-0 " > Start: 0 (left in LTR) </ div > < div class = " start-50 " > Start: 50% </ div > < div class = " start-100 " > Start: 100% </ div > < div class = " bottom-0 " > Bottom: 0 </ div > < div class = " bottom-50 " > Bottom: 50% </ div > < div class =

" bottom-100 " > Bottom: 100% </ div > < div class = " end-0 " > End: 0 (right in LTR) </ div > < div class = " end-50 " > End: 50% </ div > < div class = " end-100 " > End: 100% </ div > Card with Spacing ■ < div class = " card p-4 m-3 " > < div class = " card-body " > < h5 class = " card-title mb-3 " > Card Title </ h5 > < p class = " card-text mb-4 " > Card content with proper spacing. </ p > < button class = " btn btn-primary " > Action </ button > </ div > </ div > Responsive Layout ■ < div class = " container " > < div class = " row g-3 " > < div class = " col-12 col-md-6 " > < div class = " p-3 border " > < h4 class = " mb-3 " > Section 1 </ h4 > < p class = " mb-0 " > Content with consistent spacing. </ p > </ div > </ div > < div class = " col-12 col-md-6 " > < div class = " p-3 border " > < h4 class = " mb-3 " > Section 2 </ h4 > < p class = " mb-0 " > More content with spacing. </ p > </ div > </ div > </ div > </ div > Navigation Bar ■ < nav class = " navbar navbar-expand-lg navbar-light bg-light " > < div class = " container " > < a class = " navbar-brand me-4 " href = " # " > Brand </ a > < div class = " navbar-nav ms-auto " > < a class = " nav-link px-3 " href = " # " > Home </ a > < a class = " nav-link px-3 " href = " # " > About </ a > < a class = " nav-link px-3 " href = " # " > Contact </ a > </ div > </ div > </ nav > Best Practices ■ Consistent spacing : Use the spacing scale consistently throughout your application Responsive design : Always consider how spacing works across different screen sizes Semantic meaning : Use spacing to create visual hierarchy and improve readability Performance : Utility classes are optimized for performance and bundle size Maintainability : Use utility classes instead of custom CSS when possible Customization ■ You can customize the spacing scale by modifying CSS custom properties: :root { --bs-spacer : 1 rem ; --bs-spacers : (0 : 0 , 1 : calc (var (--bs-spacer) * 0.25) , 2 : calc (var (--bs-spacer) * 0.5) , 3 : var (--bs-spacer) , 4 : calc (var (--bs-spacer) * 1.5) , 5 : calc (var (--bs-spacer) * 3)) ; } This allows you to maintain consistency while adapting the spacing to your design system.